To: Shaw, Hanh[Shaw.Hanh@epa.gov] From: Greg.Horner@shell.com Thur 12/11/2014 6:24:07 PM Sent: Subject: RE: Thermal model reports Hi Hanh, Can you please check to see if the modeling inputs used by TetraTech for the OOC 2.5 model runs are available? Thank you very much, Cheers, Greg From: Shaw, Hanh [mailto:Shaw.Hanh@epa.gov] Sent: Wednesday, December 03, 2014 4:25 PM To: Horner, Greg J SEPCO-UAA/A/SR Subject: Re: Thermal model reports Hi Greg, I will send a revised agenda in the morning. Hanh On Dec 3, 2014, at 4:28 PM, "Greg.Horner@shell.com" < Greg.Horner@shell.com wrote: <image002.gif> Hanh - You are welcome. I am pleased to revise the agenda and resend if you wish, or did you wish to do so? Greg

From: Shaw, Hanh [mailto:Shaw.Hanh@epa.gov] Sent: Wednesday, December 03, 2014 7:23 AM

To: Horner, Greg J SEPCO-UAA/A/SR **Subject:** RE: Thermal model reports

Greg - Thank you very much.

From: Greg.Horner@shell.com [mailto:Greg.Horner@shell.com]

Sent: Tuesday, December 02, 2014 6:06 PM

To: Shaw, Hanh

Cc: Cope, Ben; Cool, Richard; Seyfried, Erin

Subject: RE: Thermal model reports

Hanh – Please find attached the model reports requested.

Regards,

Greg J. Horner Offshore Regulatory Team Lead Shell Exploration & Production Company 3601 C Street, Suite 1000, Anchorage, Alaska 99503

Tel: +1 907 646-7131 x131

Cell: + 1 907 227-1065

Cell (2): +1 907 250-0868 Email: greg.horner@shell.com

From: Shaw, Hanh [mailto:Shaw.Hanh@epa.gov]
Sent: Tuesday, December 02, 2014 7:02 AM
To: Horner, Greg J SEPCO-UAA/A/SR
Cc: Cope, Ben; Cool, Richard; Seyfried, Erin

Subject: Thermal model reports

Greg,

I would like to request copies of the following reports referenced on page 14 of the EMP. They were not included as Appendix C of the EMP.

Fluid Dynamix. 2014i. Thermal Dispersion Modeling for Non-contact Cooling Water Discharges from the Drill Ship the Noble Discoverer, Burger Field, Located Offshore Chukchi Sea, Alaska. Fluid Dynamix, Report dated July 16, 2014.

Fluid Dynamix. 2014j. Thermal Dispersion Modeling for Non-contact Cooling Water Discharges from the Drill Ship the Polar Pioneer, Burger Field, Located Offshore Chukchi Sea, Alaska. Fluid Dynamix, Report dated July 16, 2014.

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Hanh Shaw, Manager

Oil, Gas and Energy Sector

U.S. EPA, Region 10

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